

## **A method of separating an olefin from a gas stream**

### **Abstract**

- 5 The present invention relates to a method of separating an olefin from a gas stream, said gas stream comprising the olefin and at least one other component, said method comprising
- (i) compressing and cooling the gas stream;
  - (ii) separating the olefin from the gas stream by absorbing the olefin in an absor-
  - 10 bent;
  - (iii) separating the olefin from the absorbent by desorption;
- wherein compressing or cooling or compressing and cooling in (i) is carried out at least twice.

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